BRUHAT BANGALORE MAHANAGARA PALIKE

Asst.Executive Engineer,
Sheettyhalli Sub Division,

Name of Work:- Providing CC Camera at Ravindra Nagara and other area block spots in ward no 13 Shettyhalli sub division.

Est Cost:15.00 Lakhs

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work :- Providing CC Camera at Ravindra Nagara and other area block spots in ward no 13 Shettyhalli sub division

						Estimated Cost Rs.15.00 Lakhs.			
Sl No	Description of work	No	Dimensions L	B	D	Quantity	Rate	Unit	Amount
1	KSRRB 300-3. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil invoiving , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification MORTH/ Chapter 3. Page No. 142/ Item No. 19.1/ PWD SR 2018-19								
	For Pole	6	0.60	0.60	1.00	2.16			
						2.16	**211.79**	**Cum**	**457.46**
2	KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2 I.No-4.20 of KPWD S.R 2018-19(page.no.12,Item 4.2)								
	For Pole	6	0.60	0.60	0.15	0.32			
						0.32	**5509.33**	**Cum**	**1785.02**
3	KSRB 2.3: Filling available excavated earth (excluding rock) in sides cum of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. Specification. No. KBS 2.9 (I.tm No.2.10, P.No.6, SR:2018-19)								
	same as per Qty No.1					2.16			
						2.16	**213.06**	**Cum**	**460.21**
4	4.0 Mega Pixel high definition upto 60Mtr IR Night Vision CCTV Camera-EXIR with SD Card Provision (Data Rate Approved)								
		18				18.00			
					Total	**18.00**	**16247.00**	**No's**	**292446.00**
5	Supplying Pole for PTZ Erection woth Civil Work Engineer in Charge of work (Data Rate Approved)								
		6				6.00			
					Total	**6.00**	**17175.00**	**Each**	**103050.00**
6	Supplying Of 6U Rack with SS Lock & Key (Data Ra/te Approved)								
		6				6.00			
					Total	**6.00**	**5400.00**	**No's**	**32400.00**

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Sl No	Description of work	No	Dimensions L	B	D	Quantity	Rate	Unit	Amount
7	Junction Metal Box (Data Rate Approved)								
		6				6.00			
					Total	**6.00**	**450.00**	**No's**	**2700.00**
8	5 Port Switch (Data Rate Approved)								
		6				6.00			
					Total	**6.00**	**575.00**	**No's**	**3450.00**
9	HDMI Splitter or Auto Video Switch Output (Data Rate Approved)								
		6				6.00			
					Total	**6.00**	**2905.00**	**No's**	**17430.00**
10	Power Adopter (Data Rate Approved)								
		6				6.00			
					Total	**6.00**	**290.00**	**No's**	**1740.00**
11	Supply and Installation/Fixing/Provision of Outdoor type Thermoplastic Modular Panel Enclosure with Transparent Polycarbonate Lid Shock Proof IP65 (weather Proof) Rust proof Dust Proof, water proof Corrosion proof having internally embedded gasket on both lid and flap suitable to fix singale phase/ Three Phase Energy Meter in suitable base plate and having a provision for fuse/MCB Cutout along with complete tamper proof SEALING facility 600mm X 600mm X 170MM (page No.50 Item No.6.42.4) (Electrical SR 2018-19)								
		1				1.00			
					Total	**1.00**	**13728.00**	**Each**	**13728.00**
12	UPS 2Hours Backup								
		7				7.00			
					Total	**7.00**	**8704.00**	**No's**	**60928.00**
13	Battery 2 Hours Backup								
		1				1.00			
					Total	**1.00**	**10776.00**	**No's**	**10776.00**
14	Supplying of 32 Channel NVR (NVR defulat without HDD) with 2SATA H264 Compression Engineer in Charge of work (Data Rate Approved)								
		1				1.00			
					Total	**1.00**	**38000.00**	**No's**	**38000.00**
15	Supplying of 4 TB Harddisk-seagate Engineer in Charge of work (Data Rate Approved)								
		4				4.00			
					Total	**4.00**	**13000.00**	**No's**	**52000.00**
16	Supplying of 4+4 POE switch TP link Engineer in Charge of work (Date Rate Approved)								

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Sl No	Description of work	No	Dimensions			Quantity	Rate	Unit	Amount
			L	B	D				
		6				6.00			
					Total	**6.00**	**7174.00**	**No's**	**43044.00**
17	Suuplying of 4 Pin Spike Pin Cana/reputed Engineer in Charge of work (Date Rate Approved)								
		12				12.00			
					Total	**12.00**	**1145.00**	**Each**	**13740.00**
18	Outdoor Supportable CAD6/CAD5 Cable /Power Cable FRLS (Data Rate Approved)								
		6	182.00			1092.00			
					Total	**1092.00**	**140.00**	**Permtr**	**152880.00**
19	Outdoor Supportable CAD6/CAD5 Cable /Power Cable Cabling,Laying Charges								
		6	182.00			1092.00			
					Total	**1092.00**	**140.00**	**Permtr**	**152880.00**
20	HDMI Patch cable for connectivity Engineer in Charge of work (Data Rate Approved)								
		18				18.00			
					Total	**18.00**	**550.00**	**No's**	**9900.00**
21	Supplying Of 12V/2.5A Adopter (Data Rate Approved)								
		18				18.00			
					Total	**18.00**	**285.00**	**No's**	**5130.00**
22	Circuit Breaker For CC TV Protection (Data Rate Approved)								
		18				18.00			
					Total	**18.00**	**252.00**	**No's**	**4536.00**
23	Supplying of Hardware items and fixing charges Engineer in Charge of work (Data Rate Approved)								
		18				18.00			
					Total	**18.00**	**1450.00**	**Each**	**26100.00**
24	CPU - i3 Processer- 450 MHZ, 8Gb Ram, 250Gb Hard Disk Full Core (Date Rate Approved)								
		1				1.00			
					Total	**1.00**	**41564.00**	**No's**	**41564.00**
25	Installation Charges for Camera and NVR Engineer in Charge of work (Date Rate Approved)								
		19				19.00			
					Total	**19.00**	**4050.00**	**Set**	**76950.00**
26	IP Configuration Engineer in Charge of work (Date Rate Approved)								
		19				19.00			
					Total	**19.00**	**3230.00**	**Each**	**61370.00**

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Sl No	Description of work	No	Dimensions			Quantity	Rate	Unit	Amount
			L	B	D				
27	Supplying Of 42" LED TV Make Samsung/LG/Philips/Videocon (Date Rate Approved)								
		1				1.00			
					Total	1.00	70952.00	Each	70952.00
								Total Construction Cost	1290396.69
								GST Charges 12%	154847.60
								KRIDL Charges 4%	51615.87
								Sub Total	1496860.16
								Miscellaneous and unforseen Charges	3139.84
								TOTAL	1500000.00
	(RupeesFifteen Lakhs Only)								

Certificate:

1) This Work Comes Within BBMP Limits.
2) Certified that personaly Inspected the Work Spot.
3) Certified that the Estimate is Prepared Based on CSR of PWD Bangalore Circle 2018-19 and Data Rates
5) Estimate is Prepared Making Use of essential itemof work as per site conditions in safest way of Execution in most economical way
6) This work is not include in any other program of work.

Assistant Engineer
Ward No.13

Assistant Executive Engineer
Shettyhalli Sub-Division
Dasarahalli Zone

Executive Engineer
Shettyhalli Sub-Division
Dasarahalli Zone

ADMINISTRATIVELY SANCTIONED FOR
(Rupees 15.00 lakhs
Under the Head of Account P-3298. 14th Finance Commission works - SWM works
Registered at No EE/DD/AS/229/2019-20 Subject to conditions contained in Enclosed Memo
No. EE/DD/AS/229/2019-20 Dt: 04/03/2020

JE/AE.

Exe. Engg
(DASARAHALLI) BBMP

ಸಂ. EE/DD/TS/49/19-20 ದಿನಾಂಕ : 04/03/2020
ರೂ. 15.00 Lakhs
Fifteen lakhs only
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

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